Thelen Rei# & Priest LLP

Attorneys At Liw

225 West Santa Clara Street, Sinte (1996) San Jose CA 95:13 1/3

Yell 408/800 005 Fax <65 267 H 46 www.thelenreid.com

Khaled Shami Direct Line: (408) 287-1855 Direct Fax: (408) 287-8040 kshaml@thelenreld.com

December 8, 2005

VIA FAX 571-273-6500

Refunds Branch P.O. Box 1450 Alexandria, VA 22313-1450

Re:

Request for Refund

United States Patent Application No. 10/519,015 Claims Priority Based On: PCT/FR03/01963

Applicant: Pascal Leclere

Title: "AUTOMATIC CENTERING DEVICES FOR A LASER BEAM AND

METHOD FO MANUFACTURING THIS DEVICE"

Filed: December 21, 2004 TRP Docket No.: 034299-613

Dear Sirs:

In regard to the above referenced U.S. PCT application, Check Nos. 316845 & 316849 in the amounts of \$1000 and \$40 (copies enclosed), were deposited on January 5, 2005, for filing an Application, Assignment and Recordation cover sheet. The amount represented a filing fee of \$1000 and an Assignment fee of \$40.00 totaling \$1040.00.

A multiple dependent claim fee in the amount of \$260 was incorrectly withdrawn from our deposit account (copy of the claims attached) when in fact no fee was due as the application contains no multiple dependent claims.

It is respectfully requested that the \$260.00 be reversed to our Deposit Account No. 50-1618 as soon as possible.

Sincerely.

Khaled Shami

KS/rr

Adjustment Date: 01 01/2006 RWHITE1 06/20/2005 SAHMED1 00000002 501698 02 FC:1616 2 0.00 CR -100

10519015 -100.00 OP

SV #228954 vl

PAGE 2/10 * RCVD AT 12/8/2005 8:41:07 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/26 * DNIS:2736500 * CSID: * DURATION (mm-55):05-58

12-08-05

18:42

From-Thelen, Reid, & Priest LLP

T-749 P.001/010 F-040

Thelen Reid & Priest LLP

Attorneys At Law

226 West Sant

Clara Street, Suite 1200 n Jose, CA 95113-1723

> Tel. 408.292.5800 Fax 408.287.8040 www.thelenreid.com

Date: December 8, 2005

Total Pages:

(including cover)

To:

Refunds Branch.

U.S. Patent Office

Fax:

1.571.273.6500

Phone:

From: Ruth O. Rodriquez

Fax:

408.278.8203

Phone:

408.282.1803

E-Mail:

rrodriquez@thelenreid.co

VIA FAX ONLY

Serial No.: 10/519,015

TRP Docket No.: 034299-613

Please find the attached request for refund for the above referenced matter.

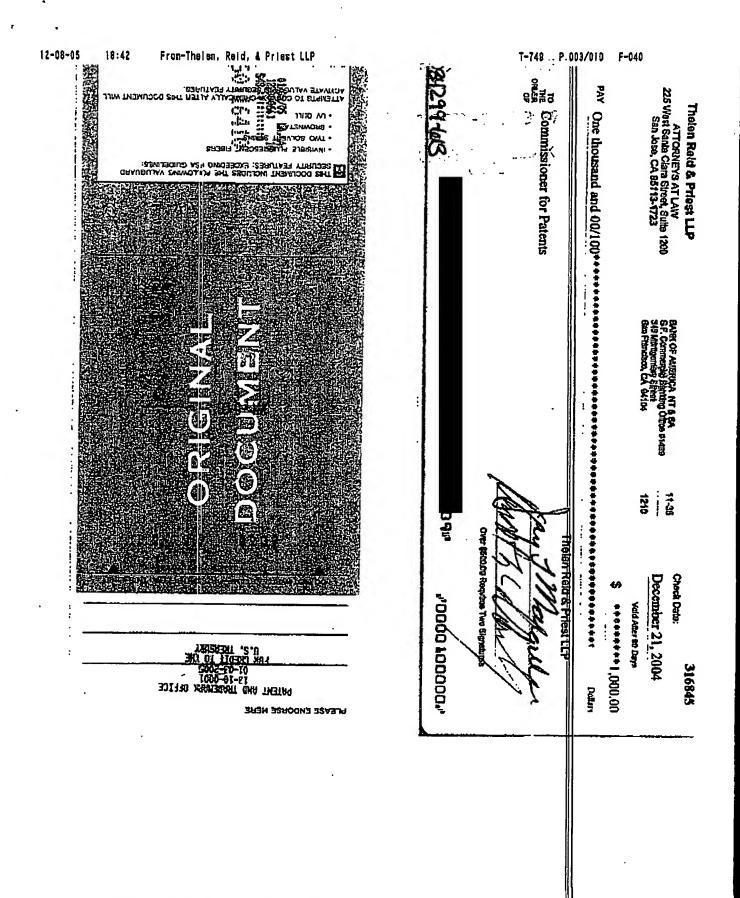
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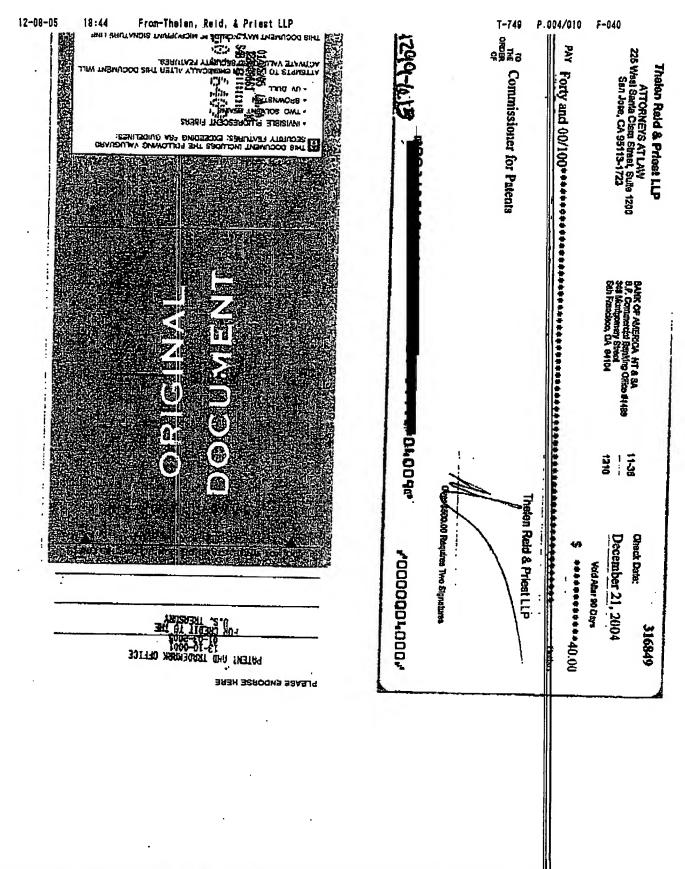
COVERVESSO PARLED ATTORNEY # CLIENT-MATTER ROOM SEDE 501 82 FC:1616 50.00 CR 40649 034299/613 .00.22 0.

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Thelen Reid &

SV #232863 V10.00 CR





Docket No. 034299-613

CLAIMS

1. Device for automatically centring a laser beam in a light guide (32), this device being characterised in that it comprises a volume scatterer (2) comprising an entry face for the laser beam and designed to scatter this laser beam and automatically centre it in the light guide.

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2. Device for automatically centring a laser beam in a monomode or multimode optical fibre (32), this device being characterised in that it comprises a volume scatterer (2) comprising an entry face for the laser beam and designed to scatter this laser beam and automatically centre it in the optical fibre.

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- 3. Device according to claim 1, in which the thickness (L) of the volume scatterer (2) is equal to at least 100 times the wavelength of the laser beam.
- 4. Device according to claim 1, in which the volume scatterer (2) is made of polytetrafluorethylene.
 - 5. Device according to claim 1, in which the volume scatterer (2) is cylindrical
- 6. Device according to claim 1, in which the volume scatterer (2) comprises a side face and the device also comprises a light reflector (6, 14) that surrounds this side face
 - 7. Device according to claim 1, also comprising a lens (10) placed on the entire face of the volume scatterer (2) and designed to defocus the light beam on this entry face.
- 8. Device according to claim 1, in which the volume scatterer (2) comprises a side face and the device also comprises a light reflector (14) that surrounds this side face, and is prolonged beyond the entry face and guides the light beam as far as this entry face.

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- 9. Device according to claim 1, also comprising an auxiliary optical fibre (16) that is optically coupled to the entry face of the volume scatterer (2) and guides the light beam as far as this entry face.
- 10. Method of manufacturing the device according to claim 1, in which a light guide (6) is manufactured and the volume scatterer (2) is made from a material (34) capable of scattering light, using the tubular light guide as a cutting punch.
- 11. Device according to claim 2, in which the thickness (L) of the volume scatterer10 (2) is equal to at least 100 times the wavelength of the laser beam.
 - 12. Device according to claim 2, in which the volume scatterer (2) is mide of polytetrafluorethylene.
- 15 13. Device according to claim 2, in which the volume scatterer (2) is cylindrical
 - 14. Device according to claim 2, in which the volume scatterer (2) comprises a side face and the device also comprises a light reflector (6, 14) that surrounds this side face.
- 20 15. Device according to claim 2, also comprising a lens (10) placed on the entry face of the volume scatterer (2) and designed to defocus the light beam on this entry face.
 - 16. Device according to claim 2, in which the volume scatterer (2) comprises a side face and the device also comprises a light reflector (14) that surrounds this side face and is prolonged beyond the entry face and guides the light beam as far as this entry face.
 - 17. Device according to claim 2, also comprising an auxiliary optical fibre (15) that is optically coupled to the entry face of the volume scatterer (2) and guides the light beam as far as this entry face.

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T-749 P.007/010 F-040

Docket No. 034299-613

18. Method of manufacturing the device according to claim 2, in which a light guide (6) is manufactured and the volume scatterer (2) is made from a material (34) capable of scattering light, using the tubular light guide as a cutting punch.

From-Thelen, Reid, & Priest LLP





Deposit Account Statement

Requested Statement Month:

June 2005

Deposit Account Number:

501698

Name:

THELEN REID & PRIEST, SILICON VALLEY

Attention:

CATHY ELCHINOFF

Address:

225 W. SANTA CLARA STREET

City:

SAN JOSE

State:

CA

Zip:

95113-1723

Country:

UNITED STATES OF AMERICA

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PAGE 9/10 * RCVD AT 12/8/2005 8:41:07 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/26 * DNIS:2736500 * CSID: * DURATION (mm-ss):05-58>3 18/8 a... 11/1/2005

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